| POSITION            | iNITIALS | ID NO. | DATE    |
|---------------------|----------|--------|---------|
| FEE DETERMINATION   | Smi      | 71802  | 1/24/99 |
| O.I.P.E. CLASSIFIER |          | 18     | 8 99    |
| FORMALITY REVIEW    |          | 7N/35  | 8/10/68 |

## INDEX OF CLAIMS

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    |   | Interference |
| _ | (Through numeral) Canceled | _ | Appeal       |
| ÷ | Restricted                 | _ | Objected     |

|               |                     |       |        |      |          |           |              |                    | ÷            |     |              | ••••     |           |          | ••••       |          | Re   | stri      | cted      | i            |          |              | 0            | ) .       |           |   |
|---------------|---------------------|-------|--------|------|----------|-----------|--------------|--------------------|--------------|-----|--------------|----------|-----------|----------|------------|----------|--|-----------|-----------|--------------|----------|--------------|--------------|-----------|-----------|---|
| С             | lain                | 1     | •      | _    |          |           | (            | Date               | 9            |     | _            | _        |           |          | [          | lair     | n  |           |           |              |          | ate          |              |           | _         | - |
| Final         | Original<br>legipal |       | 1/00/4 | 1111 | 9000     |           |              | .                  |              |     |              |          |           |          | 100        | i i      | Original                                     |           |           |              |          |              | T            |           |           |   |
| L             |                     | Ψ.    | 4      | Ż    | 1        | 4         | 1            | $\Box$             |              |     | Ţ            | Ţ        | Τ.        |          |            | 5        | 1  |           | Ţ         | 1            | 1        |              | $\downarrow$ |           | _         | ľ |
| ⊬             | 3                   | ¥     |        | +    | +        | +         | +            | +                  | 4            | _   | +            | +        | +         | 4        | -          | 5        | 2  | +         | 4         | -            | $\perp$  | +            | 4            | 4         |           | ŀ |
| ┝             | 14                  |       |        | +    | +        | +         | +            | +                  | $\dashv$     | _   | ╁            | +        | ╁         | $\dashv$ | $\vdash$   |          | 4  | +         | +         | +            | +        | +            | +            | +         |           | ŀ |
| $\vdash$      | 5                   |       | 7      | t    | +        | $\dagger$ | +            | +                  | -            |     | $\dagger$    | +        | +         | ┪        | $\vdash$   |          | 5  | +         | +         | +            | ╁        | +            | +            | +         | $\dashv$  | ŀ |
|               | 6                   | и     |        | †    | 1        |           | +            | 1                  |              |     | †            | 十        | $\dagger$ | 1        | -          | 5        |  | $\dagger$ | +         | +            | +        | +            | +            | $\dagger$ | $\dashv$  | l |
| [.            | 7                   | u     | 7      | 1    | I        |           |              |                    | $\Box$       |     | Ι            |          |           |          |            | 5        | 7  |           | Ť         | 1            | +        | $\top$       | 十            | 7         | ┪         |   |
| _             | 8                   | -11-2 |        | 1    | Ţ        | 1         |              | 1                  |              | _   | L            | Ţ        | I         | ]        |            | 5        | 8  | $\perp$   | T         | Ι            | I        |              | $\perp$      | 7         |           | _ |
| ┡             | 9                   |       | 4      | 4    | 1        | 4         | 1            | 4                  | 4            |     | $\downarrow$ | 1        | 4         | 4        | <u> </u> _ | 5        |  | $\perp$   | 1         |              | $\perp$  | I            | I            | $\Box$    |           | L |
| -             | 11                  |       | 7      | Ŧ    | ╀        | ╀         |              | +                  | -            | _   | ╁.           | ╀        | 1         | 4        | $\vdash$   | 6        |  | +         | 4         | 1            | 4        | $\downarrow$ | 4            | 4         |           | _ |
| <del> </del>  | 12                  | м.    | 7      | +    | ╁        | ╁         | +            | +                  | +            |     | +            | +        | +         | 4        | -          | 6:       |  | +         | +         | +            | +        | +            | +            | 4         | 4         |   |
| H             | 13                  |       | 7      | t    | ╁        | +         | +            | +                  | +            |     | -            | ╀        | +         | -        | $\vdash$   | 6        |  | ╬         | +         | +            | +        | +            | ┿            | +         | $\dashv$  | _ |
|               |                     | N     | ij     | t    | t        | +         | +            | +                  | +            | -   | +            | +        | ╁         | ┨        | $\vdash$   | 6        |  | ╁         | ┿         | +            | ╁        | ╁            | ╁            | +         | $\dashv$  | _ |
| Г             | 15                  | K     | 7      | 1    | t        | Ť         | 十            | +                  | 7            |     | T            | ✝        | T         | 1        | $\vdash$   | 6        | -  | +         | +         | $^{\dagger}$ | +        | +            | +            | +         | ┪         | - |
|               | 16                  | V     | 1      | I    | L        | T         |              |                    | T            |     | Т            | T        | 1         | 1        |            | 66       | 3  | T         | $\top$    | +            | ╁        | ✝            | 十            | 十         | ┪         | - |
|               | 17                  | 1     | 1      | L    | L,       |           | Ι            | $\perp$            |              |     |              | I        |           |          |            | 67       | 7  |           |           | T            | $\top$   | T            | 7            | T         | $\dashv$  |   |
| L             | 18                  | V     |        | L    | _        |           | 4.           | $\perp$            | 1            |     |              | L        |           | ]        |            | 68       | 3  | Ι         | I         |              |          |              | I            | $\top$    | $\exists$ |   |
|               | 19                  | ₩.    | 4      | Ļ    | Ļ        | 1         | +            | 4                  | 4            | _   | _            | <u> </u> | 1         |          | L          | 69       | 1  | $\perp$   |           |              | $\perp$  | L            | $\perp$      | $\perp$   | $\Box$    | _ |
|               | 20                  | 1.    | 4      | ļ    | L        | 4         | 1            | $\perp$            | 1            |     | ļ.,          | L        | $\perp$   | 1        | L          | 70       |  | L         |           |              |          |              | $\perp$      |           |           |   |
|               | 21<br>22            | W     | 4      | ╀    | ⊢        | ╀         | +            | +                  | 4            |     | _            | ╀        | +         | 1        | $\vdash$   | 7        |  | $\perp$   | $\perp$   | $\perp$      | $\perp$  | L            | $\perp$      | $\perp$   | $\exists$ |   |
|               | 23                  | ╁╌    | +      | +    | ┝        | +         | +            | +                  | +            |     | -            | ╀        | +-        | 7        | <u> </u>   | 72       |  | 4         | +-        | 4            | +        | -            | +            | +         | 4         |   |
|               | 24                  | -     | -      | t    | -        | +         | ╁            | ╁                  | +            |     | ┝            | ╁        | ╁         | ·        | $\vdash$   | 74       |  | +         | +         | ╀            | +        | 4-           | +            | +         | +         | _ |
|               | 25                  | -     | †      | t    | -        | ╁         | ╁            | +                  | +            |     | ┢            | -        | ╁         | 1        | -          | 75       |  | ╁         | ╁         | ╁            | ╁        | ╁            | ┿            | +         | +         | _ |
|               | 26                  |       | Ť      | t    | T        | T         | †            | $^{\dagger}$       | +            | _   | -            | $\vdash$ | ┢         | 1        | $\vdash$   | 76       | -  | 十         | +         | ╁            | 十        | ╁            | ╁╴           | 十         | 十         | - |
|               | 27                  |       | I      | Ī    |          |           | I            |                    | T            |     |              | T        | T         | 1        |            | 77       | <u>,                                    </u> | ✝         | $\dagger$ | †            | †        | †            | +-           | $^{+}$    | +         | - |
|               | 28                  |       | L      | L    | L        | L         |              | $oxed{\mathbb{L}}$ | Ι            |     |              |          |           | ]        |            | 78       |  | T         | Τ         | T            | $\top$   | 1            | 1            | 十         | 7         | - |
|               | 29                  | L     | ļ.     | Ļ    | L        | Ŀ         | 1            | 1                  | 4            |     | L            | L        | L         | ]        |            | 79       | -  | L         | I         | I            |          | Ι            |              | T         | I         |   |
| _             | 30<br>31            | Ŀ     | 4)     | Z    | L        | ŀ         | <del> </del> | Ļ                  | 4            | _   | L            | <u> </u> | L         | -        | <u>_</u>   | 80       | _  | 1         | L         | L            | L        |              | $\perp$      | $\perp$   | I         |   |
| -             | 32                  | _     | ╀      | _    | -        | <u> </u>  | <del> </del> | +                  | +            | _   | -            | L        | ļ         | -        | _          | 81       | ┿  | $\perp$   | $\perp$   | <u> </u>     | ↓_       | 1            | ╀            | 1         | 4         | _ |
|               | 33                  | -     | +      |      | $\vdash$ | ╁         | ╁            | ╁                  | +            | -   | H            | ├-       | ╀         | 1        | $\vdash$   | 82       | -  | ╀         | ╀         | ╀            | ╀        | +-           | +-           | ╀         | 4         | _ |
| _             | 34                  | _     | t      | _    | -        | +         | +            | $^{+}$             | ╅            | -   | -            |          | ╁         | 1        | $\vdash$   | 84       | -  | +-        | +         | ╁            | ╁        | ╁            | ╁            | ╁         | +         | - |
|               | 35                  |       | t      | _    | Г        | T         | †            | ╁                  | $^{\dagger}$ | _   | -            | _        |           |          | $\vdash$   | 85       | _  | +         | †-        | ╁            | ╁        | ╁            | ╁╴           | 十         | +         |   |
|               | 36                  |       | Ι      |      |          |           |              |                    |              |     |              |          | T         |          | $\vdash$   | 86       |  | T         | ✝         | ╁            | †        | 1            | 十            | 十         | $^{+}$    | - |
| Ц             | 37                  |       | L      |      |          |           | L            | L                  | T            |     |              |          |           | ]        |            | 87       |  |           |           |              |          | 1            | $\top$       | T         | T         | • |
|               | 38                  |       | 1      | _    | _        | L         | Ļ            | ↓                  | 1            | _   |              | _        | L         | 1        |            | 88       | -  | L         | $\Box$    | L            |          |              |              | I         | Ι         |   |
| -             | 39<br>40            | _     | ╀      | _    | _        | L         | ╀            | ╀                  | +            | 4   | _            | <u> </u> | ↓         | ļ        | -          | 89       |  | ┺         | ┸         | ļ_           | ╀        | L            | 丰            | ╀         | 4         |   |
| $\rightarrow$ | -                   | _     | ╀      | 4    | _        | ╀         | ╀            | ╀                  | +            | 4   |              | L        |           |          | <u> </u>   | 90       | 1  | ↓_        | <u> </u>  | Ļ            | ļ        | L            | 丄            | ╄         | 4         |   |
| _             | 41<br>42            |       | H      | -    |          | ┝         | ┼-           | ╀                  | +            | 4   | _            | _        | <u> </u>  |          | <u> </u>   | 91       | L  | ļ.,       | ╀         | L            | L        | L            | ╄            | 1         | 4         | _ |
|               | 43                  | -     | ┝      | +    |          | -         | ┝            | ╁                  | ╁            | -   | _            | _        | H         |          | -          | 92       | ٠.   | -         | ļ.,       | ┝            | ╀        | ╄            | ╀            | ╀         | +         |   |
| -             | 44                  |       |        | ┪    |          | $\vdash$  | +            | ╁╌                 | +            | ┥   | -            | -        | $\vdash$  |          | _          | 93<br>94 | -  | ├         | +         | ╀            | $\vdash$ | $\vdash$     | ╁            | ╀         | +         | - |
| _             | 45                  | _     | H      | +    |          | Н         | 1            | +                  | +            | +   | $\dashv$     |          | -         |          |            | 95       | _  | +-        | -         | ⊢            | $\vdash$ | ╁╌           | +            | ╀         | +         | - |
| -             | 46                  | _     |        | _†   | _        |           |              | $\dagger$          | †            | 7   |              | _        | $\vdash$  |          |            | 96       | -  | $\vdash$  | ✝         | -            | $\vdash$ | t            | +-           | +         | +         | - |
| _             | 47                  |       |        |      |          |           |              |                    | Ι            |     |              |          |           |          |            | 97       |  | T         | 1         | Т            |          | T            | T            | T         | 十         | ٠ |
|               | 48                  |       | L      | 1    | _        |           |              |                    | I            | I   |              | ·        |           |          |            | 98       | Ŀ  |           |           |              |          |              |              | İ         | I         | - |
| _             | 49                  | _     | L      | 4    |          | _         | L.           | 1                  | $\perp$      | 4   |              |          | L         |          | L.         | 99       | $\Box$                                       |           |           |              |          |              |              |           | Ι         | - |
| - 15          | 50                  |       |        | - 1  |          |           | 1            | ı                  | 1            | - 1 | - 1          |          |           |          | 1          | 100      | i  | ı         | 1         | 1            |          | 1            | 1            | Г         | Т         | Ī |

| _             |            |         |          | _        | _ |     |          |           |          |          |          |              | 1            |
|---------------|------------|---------|----------|----------|---|-----|----------|-----------|----------|----------|----------|--------------|--------------|
| Cla           | im         |         |          | ,        |   |     | _!       | Da        | te       |          |          |              |              |
| _             | Original   |         | l        |          |   |     |          |           | ĺ        |          |          |              |              |
| Final         | Orig       |         | ı        | 1        |   |     | 1        |           |          |          |          |              |              |
|               | 101        | _       | ╁        | +        | - | +   | +        | _         | ╁        | ╁        | ╁        | +            | +            |
|               | 102        | _       | T        | 1        |   | T   | 1        |           | T        | T        | ✝        | $^{\dagger}$ | 1            |
|               | 103        |         |          | 1        |   | ╁   | 7        |           | Γ        | T        | Τ        | 1            | 1            |
|               | 104        |         | L        | 1        |   | I   | I        |           |          |          | T        |              |              |
| $\overline{}$ | 105        |         | L        | 1        |   | 1   | 1        | _         | L        | L        |          | $\perp$      |              |
|               | 106        |         | <u> </u> | 4        | _ | Ŀ   | 1        | _         | L        | 1        | Ļ        | Ļ            | 1            |
|               | 107<br>108 | _       | L        | +        | _ | ╀   | +        | _         | ┞-       | ╀        | ╀-       | ╀            |              |
| $\rightarrow$ | 109        | _       | ⊢        | +        |   | ╀   | +        |           | ├-       | ╁        | ╀        | ╀            |              |
| <del></del>   | 110        | _       | ┝        | †        | _ | ┢   | +        | -         | ┝        | +        | ╁        | ╁            | +            |
|               | 111        | _       | Н        | t        | _ | ╁   | t        | -         | -        | +-       | ╁╌       | ╁            | t            |
| $\overline{}$ | 112        | -       | -        | t        |   | -   | Ť        | _         | -        | 1        | 十        | t            | †            |
|               | 113        |         | Г        | Ť        |   | 1   | T        | _         | Г        | 1        | T        | †            | t.           |
|               | 114        |         |          | I        | _ | L   | T        |           |          |          | T        | T            | 1            |
|               | 115        |         |          | I        |   |     | I        |           |          | L        | Γ        | L            | İ            |
| -             | 116        | _       |          | I        |   | L   | Ţ        |           | L        | L        | L        | Γ            | Γ            |
| _             | 117        | _       |          | ļ        | _ | L   | 4        |           | <u> </u> | L        | L        | L            | L            |
| $\vdash$      | 118        |         | _        | 1        | _ | Ŀ   | 1        | _         | <u> </u> | ╄        | ↓_       | $\perp$      | 1            |
| -             | 119        | -       | _        | ļ.       | _ | ļ., | +        | _         | _        |          | ╀        | ↓_           | ╄            |
| _             | 20         | _       |          | ╀        |   | L   | ╀        |           | _        | L        | L        | ╄            | L            |
|               | 121<br>22  | 4       |          | Ł        |   | -   | ╀        | 4         |          | ┡        | ┼-       | ╄-           | <del> </del> |
|               | 23         | +       | -        | ╀        | _ | ┝   | ╀        | _         |          | -        | 1        | ╀            | ╀            |
|               | 24         | +       |          | t        | _ | -   | ╁        | _         | -        | ┝        | -        | ╁            | ╁            |
| $\rightarrow$ | 25         | 1       |          | t        | _ | ┝   | t        | 1         |          | $\vdash$ | ┢        | H            | t            |
| -             | 26         | 7       |          | t        | _ | T   | T        | 7         |          |          | <u> </u> | t            | H            |
| 1             | 27         |         |          | T        |   |     | T        | 1         |          | Г        |          |              | Τ            |
|               | 28         | $\Box$  |          | L        |   |     | I        |           |          |          |          |              | ,            |
|               | 29         |         |          | L        |   |     | L        |           |          |          |          |              |              |
|               | 30         | 4       |          | L        |   | _   | L        | 4         |          | L        | L        | L            | L            |
|               | 31         | 4       |          | L        | _ | _   | Ļ        | 4         |          | ļ        | <u> </u> | L            | _            |
|               | 32<br>33   | +       |          | L        | 4 |     | ŀ        | 4         |          | _        | _        | -            | L            |
|               | 34         | +       |          | H        | - | -   | ┝        | +         |          | _        | -        | ├-           | -            |
|               | 35         | ᆉ       |          | H        |   | -   | ┝        | ┥         |          | μ.       |          | -            | ┝            |
| _             | 36         | +       |          | $\vdash$ | _ |     | $\vdash$ | 7         |          | _        | -        | ┢            | H            |
| 1:            | 37         | 7       |          | ┢        | 7 |     | T        | 1         | _        | -        |          | _            |              |
| 1:            | 38         |         |          |          |   |     |          | 1         |          | -        |          |              |              |
|               | 39         | $\perp$ |          |          |   |     |          | I         |          |          |          |              |              |
|               | 40         | 1       |          |          |   |     |          |           |          |          |          |              |              |
| _             | 41         |         |          | L        |   |     | Ĺ        |           |          |          |          |              |              |
|               | 42         | 4       | _        |          | _ |     | _        | 1         |          |          |          | L            |              |
| _             | 43         | 4       | 4        | L        | 4 |     | _        | 1         | 4        |          |          | $oxed{oxed}$ | L            |
|               | 44<br>15   | +       | 4        | _        | 4 |     | L        | +         | _        |          | _        | Ŀ            | Н            |
|               | 16         | +       | $\dashv$ | _        | + |     | H        | +         | $\dashv$ | -4       | -        | Н            | -            |
|               | 17         | +       | -        | _        | + |     | ┝        | +         |          |          | _        | H            | -            |
|               | 48         | +       | ٦        |          | + | _   | -        | $\dagger$ | $\dashv$ | -        |          | $\vdash$     | -            |
| 14            | 49         | $\top$  |          | _        | 7 |     | Г        | †         | 7        | $\dashv$ | _        |              |              |
| 15            | 50         | I       |          |          | 1 |     |          | İ         |          |          |          |              |              |

If more than 150 claims or 10 actions staple additional sheet here

BESTAVALABL